



PATENT

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Group 2100

Re Application of:

Duvaut, et al.

Group Art Unit: To be assigned

Serial No.: 09/997,662

Examiner: To be assigned

Filed: November 29, 2001

Docket No.: 60706-1080

For: System and Method for Increasing Payload Capacity by Clustering Unloaded Bins in a Data Transmission System

INFORMATION DISCLOSURE STATEMENTAssistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

- ☒ under 37 CFR 1.97(b), or
(within Three months of filing national application; or date of entry of international application; or before
mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement Under 37 C.F.R. 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever
occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).
(Filed after final office action or notice of allowance, whichever occurs first, but before payment of the
issue fee)

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Enclosed is a check in the amount of \$ _____. Please charge \$ _____ to deposit account _____. At any time during the
pendency of this application, please charge any fees required to Deposit Account _____ pursuant to 37 CFR 1.25. The
Commissioner is hereby requested to credit any overpayment to Deposit Account No. _____.

- ☒ Applicant(s) submit herewith *Form PTO 1449 - Information Disclosure Citation* together with copies of
patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may or may not
be material to the examination of this application and for which there may be a duty to disclose in accordance with 37
CFR 1.56. As required by 37 C.F.R. §1.98(a), a legible copy of each document is provided.
- ☐ A concise explanation of the relevance of foreign language patents, foreign language publications and
other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in
37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent
is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English
language version of the search report or action which indicates the degree of relevance found by the foreign office is listed
on the form PTO 1449 and is enclosed herewith.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention
over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents
may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport
to offer.

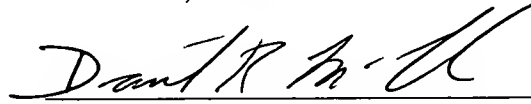
This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.

By:

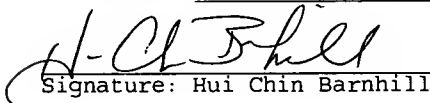


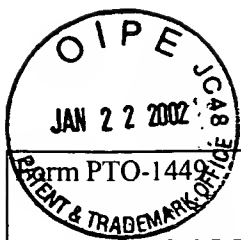
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I hereby certify that this correspondence is being deposited with the United States Postal Service as "First Class Mail," in an envelope addressed to: Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231 on December 17, 2001.


Signature: Hui Chin Barnhill



INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Attorney Docket No. 60706-1080	Serial No. 09/997,662
	Applicant Duvaut, et al.	
	Filing Date November 29, 2001	Group To be assigned

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	6,243,414	06/05/01	Drucker, et al.	375	222	
	B						
	C						
	D						
	E						
	E						
	G						
	H						
	I						
	I						
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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	L							
	M							
	N							
	O							

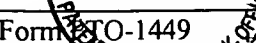
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	P	A Mathematical Theory of Communication
		C.E. Shannon; July, October 1948; Pages 1-55
	Q	Statistical Mechanics of Error-Correcting Codes
		Y. Kabashima & D. Saad; January 1999; Pages 97-103
	R	A New Class of Efficient Block-Iterative Interference Cancellation Techniques for Digital Communication Receivers
		A. M. Chan & G.W. Wornell; October 2000; Pages 1-12

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

Form PTO-1449  INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Attorney Docket No. 60706-1080	Serial No. 09/997,662
	Applicant Duvaut, et al.	
	Filing Date November 29, 2001	Group To be assigned

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	S	An Adaptive Algorithm for Antenna Array Low-Rank Processing in Cellular TDMA Base Stations M. Martone; May 1998; Pages 627-643

* **EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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